

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-57. (Canceled)

58. (Currently Amended) An isolated peptide which sensitizes cells for apoptosis comprising:

(a) the amino acid sequence of SEQ ID NO: 127[; or]

~~(b) an amino acid sequence at least 90% identical to SEQ ID NO: 127 and which is capable of binding to livin- β .~~

59. (Previously Presented) A composition comprising the peptide of claim 58 linked to a carrier which mediates the uptake of the peptide into a cell.

60. (Previously Presented) A method of sensitizing a livin- β -expressing cell for apoptosis, comprising administering to a livin- β -expressing cell the peptide of claim 58, optionally in combination with an intercalating agent, wherein said peptide binds to livin- β in said cell, and wherein said binding of peptide to livin- β sensitizes said cell for apoptosis.

61. (Previously Presented) The method of claim 60, wherein said cell is a cancer cell.

62. (Previously Presented) The method of claim 61, wherein said cancer cell is a melanoma cell.

63. (Canceled)

64. (Previously Presented) A diagnostic kit for the detection of livin- β in cancer cells, comprising the peptide of claim 58 and a buffer.